

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A method of manufacturing a long-life heat-resisting low alloy steel welded component including the steps of subjecting a base metal containing, at % by weight, C: 0.15% or less, Si: 0.5% or less, Mn: 0.3 to 0.8%, Cr: 1.9 to 2.6%, Mo: 0.87 to 1.20%, and a balance of iron and unavoidable impurities, to a hot working, to a heat treatment, and then to a welding,

wherein the base metal is normalized once or more times before the welding in addition to the hot working so as to reduce an amount of coarse carbides, which cause creep damage of type 4, remaining in the base metal.

Claim 2 (Original): The manufacturing method according to claim 1, wherein the base metal has been subjected to annealing or normalizing and tempering.

Claim 3 (Original): The manufacturing method according to claim 1, wherein the base metal is subjected to the hot working in a normalizing temperature range, after the normalizing.

Claim 4 (Original): The manufacturing method according to claim 1, wherein the base metal contains, at % by weight, Mn: 0.3 to 0.6% and Mo: 0.87 to 1.13%.

Claim 5 (Original): The manufacturing method according to claim 4, wherein the normalizing of the base metal is carried out at least twice.

Claim 6 (Currently Amended): A method of manufacturing a long-life heat-resisting low alloy steel welded component including the steps of subjecting a base metal containing, at % by weight, C: 0.04% to 0.10%, Si: 0.5% or less, Mn: 0.1 to 0.6%, Cr: 1.9 to 2.6%, Mo: 0.05 to 0.3%, V: 0.20 to 0.30%, Nb: 0.02 to 0.08%, W: 1.45 to 1.75%, B: 0.0005 to 0.006% and a balance of iron and unavoidable impurities, to a hot working, to a heat treatment, and then to a welding,

wherein the base metal is normalized once or more times before the welding in addition to the hot working so as to reduce an amount of coarse carbides, which cause creep damage of type 4, remaining in the base metal.

Claim 7 (Original): The manufacturing method according to claim 6, wherein the base metal has been subjected to annealing or normalizing and tempering.

Claim 8 (Original): The manufacturing method according to claim 6, wherein the base metal is subjected to the hot working in a normalizing temperature range, after the normalizing.

Claim 9 (Currently Amended): A method of manufacturing a long-life heat-resisting low alloy steel welded component including the steps of subjecting a base metal containing, at % by weight, C: 0.2% or less, Si: 1.0% or less, Mn: 0.3 to 0.9%, Cr: 0.3 to 1.5%, Mo: 0.4 to 0.7%, and a balance of iron and unavoidable impurities, to a hot working, to a heat treatment, and then to a welding,

wherein the base metal is normalized once or more times before the welding in addition to the hot working so as to reduce an amount of coarse carbides, which cause creep damage of type 4, remaining in the base metal.

Claim 10 (Original): The manufacturing method according to claim 9, wherein the base metal has been subjected to annealing or normalizing and tempering.

Claim 11 (Original): The manufacturing method according to claim 9, wherein the base metal is subjected to the hot working in a normalizing temperature range, after the normalizing.

Claim 12 (Original): The manufacturing method according to claim 9, wherein the base metal contains, at % by weight, Mn: 0.3 to 0.6%, Cr: 0.5 to 1.5% and Mo: 0.40 to 0.65%.

Claim 13 (Original): The manufacturing method according to claim 9, wherein the base metal further contains, at % by weight, V: 0.22 to 0.50%.

Claim 14 (Currently Amended): A long-life heat-resisting low alloy steel welded component manufactured by the steps of subjecting a base metal containing, at % by weight, C: 0.15% or less, Si: 0.5% or less, Mn: 0.3 to 0.8%, Cr: 1.9 to 2.6%, Mo: 0.87 to 1.20%, and a balance of iron and unavoidable impurities, to a hot working, to a heat treatment, and then to a welding,

wherein the base metal is normalized once or more times before the welding in addition to the hot working so as to reduce an amount of coarse carbides, which creep cause damage of type 4, remaining in the base metal.

Claim 15 (Original): The heat-resisting low alloy steel welded component according to claim 14, wherein the base metal has been subjected to annealing or normalizing and tempering.

Claim 16 (Original): The heat-resisting low alloy steel welded component according to claim 14, wherein the base metal is subjected to the hot working in a normalizing temperature range, after the normalizing.

Claim 17 (Original): The heat-resisting low alloy steel welded component according to claim 14, wherein the welded component can be applied to at least one of longitudinal joint and circumferential joint of pipes, vessel, valve casing and branch pipes that are used under a high-temperature and high-pressure steam atmosphere at a temperature of 450°C or higher.

Claim 18 (Original): The heat-resisting low alloy steel welded component according to claim 14, wherein the base metal contains, at % by weight, Mn: 0.3 to 0.6% and Mo: 0.87 to 1.13%.

Claim 19 (Original): The heat-resisting low alloy steel welded component according to claim 18, wherein the normalizing of the base metal is carried out at least twice.

Claim 20 (Currently Amended): A long-life heat-resisting low alloy steel welded component manufactured by the steps of subjecting a base metal containing, at % by weight, C: 0.04% to 0.10%, Si: 0.5% or less, Mn: 0.1 to 0.6%, Cr: 1.9 to 2.6%, Mo: 0.05 to 0.3%, V: 0.20 to 0.30%, Nb: 0.02 to 0.08%, W: 1.45 to 1.75%, B: 0.0005 to 0.006% and a balance of iron and unavoidable impurities, to a hot working, to a heat treatment, and then to a welding,

wherein the base metal is normalized once or more times before the welding in addition to the hot working so as to reduce an amount of coarse carbides, which cause creep damage of type 4, remaining in the base metal.

Claim 21 (Original): The heat-resisting low alloy steel welded component according to claim 20, wherein the base metal has been subjected to annealing or normalizing and tempering.

Claim 22 (Original): The heat-resisting low alloy steel welded component according to claim 20, wherein the base metal is subjected to the hot working in a normalizing temperature range, after the normalizing.

Claim 23 (Original): The heat-resisting low alloy steel welded component according to claim 20, wherein the welded component can be applied to at least one of longitudinal joint and circumferential joint of pipes, vessel, valve casing and branch pipes that are used under a high-temperature and high-pressure steam atmosphere at a temperature of 450°C or higher.

Claim 24 (Currently Amended): A long-life heat-resisting low alloy steel welded component manufactured by the steps of subjecting a base metal containing, at % by weight, C: 0.2% or less, Si: 1.0% or less, Mn: 0.3 to 0.9%, Cr: 0.3 to 1.5%, Mo: 0.4 to 0.7%, and a balance of iron and unavoidable impurities, to a hot working, to a heat treatment, and then to a welding,

wherein the base metal is normalized once or more times before the welding in addition to the hot working so as to reduce an amount of coarse carbides, which cause creep damage of type 4, remaining in the base metal.

Claim 25 (Original): The heat-resisting low alloy steel welded component according to claim 24, wherein the base metal has been subjected to annealing or normalizing and tempering.

Claim 26 (Original): The heat-resisting low alloy steel welded component according to claim 24, wherein the base metal is subjected to the hot working in a normalizing temperature range, after the normalizing.

Claim 27 (Original): The heat-resisting low alloy steel welded component according to claim 24, wherein the welded component can be applied to at least one of longitudinal joint and circumferential joint of pipes, vessel, valve casing and branch pipes that are used under a high-temperature and high-pressure steam atmosphere at a temperature of 450°C or higher.

Claim 28 (Original): The heat-resisting low alloy steel welded component according to claim 24, wherein the base metal contains, at % by weight, Mn: 0.3 to 0.6%, Cr: 0.5 to 1.5% and Mo: 0.40 to 0.65%.

Claim 29 (Original): The heat-resisting low alloy steel welded component according to claim 24, wherein the base metal further contains, at % by weight, V: 0.22 to 0.50%.